

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/24460

IPC(7) US CL According to B. FIELI	SIFICATION OF SUBJECT MATTER : A01N 1/02; G01N 1/30, 33/48; C07K 1/00; A6 : 435/2, 40.51; 530/827, 852; 600/33, 35 International Patent Classification (IPC) or to both na OS SEARCHED numentation searched (classification system followed by	tional classification and IPC		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic da CAPLUS, M	ta base consulted during the international search (name EDLINE, EMBASE, BIOSIS, LIFESCI	e of data base and, where practicable, s	earch terms used)	
C. DOC	IMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.	
Y	PENFOLD, L.M. et al. Comparative Motility of X Sperm Separated on teh basis of DNA Content. Mol 50, pages 323-327, see entire document.	and Y Chromosome-Bearing Bovine	1-16, 24, 25, 27, 28, 30, 31, 39-54, 58-60	
¥	BEYHAN, Z. et al. Sexual Dimorphism in IVM-IVF Bovine Embryos Produced From X and Y CHromosome-Bearing Spermatozoa Sorted by High Speed Flow Cytometry. Theriogenology. 1999, Vol. 52, pages 35-48, see entire document.		1-16, 23-25, 27, 28, 30, 31, 33, 34, 36, 37, 39-61	
Y	RATHI, R. et al. Evaluation of In Vitro Capacitation of Stallion Spermatozoa. Biology of Reproduction. 2001, Vol. 65, pages 462-470, see entire document.		1-9, 17-24, 26, 27, 29, 30, 32, 33, 35, 36, 38, 41-61	
Y	BUCHANAN, B.R. et al. Insemination of Mares with Low Numbers of Either Unsexed or Sexed Spermatozoa. Theriogenology. 2000, Vol. 53, pages 1333-1344, see entire document.		1-9, 17-24, 26, 27, 29, 30, 32, 33, 35, 36, 38, 41-61	
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Further	documents are listed in the continuation of Box C.	See patent family annex.		
* Special categories of cited documents: "T" later document published after the priority date and not in conflict winderstand the principle or theory understand the principle or theory		n the application but cited to inderlying the invention		
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to establish the publication date of another citation or other special reason (as specified) combined with one or combination being obv		decument of particular relevance; the considered to involve an inventive ecombined with one or more other successional being obvious to a per	other such documents, such	
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